

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA

CIA-RDP86-00513R00051672

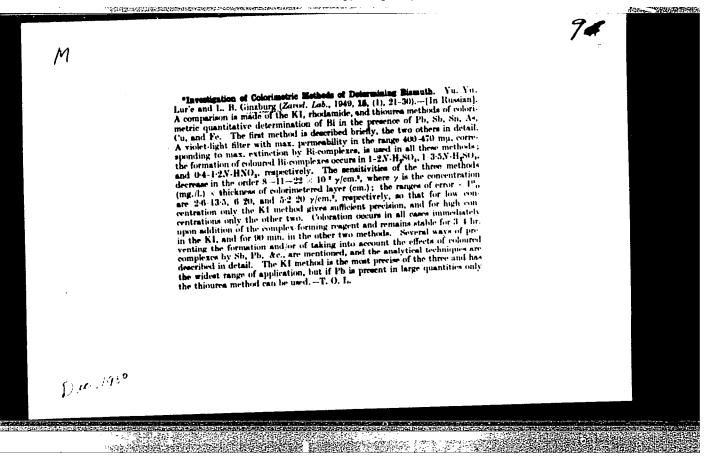
GINZBURG, L. B.

"A New Version of the Rhodanine Method of Determination of Molybdenum." Zavod. Lab., 14, No. 5, 1948.

State Inst. of Ferrous Metals.

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CIA-RDP86-00513R00051672



GINZBURG, L. B.

PA 169T6

USSR/Chemistry - Analysis, Nickel

Aug 50

"Photocolorimetric Method for Determination of Manganese and Chromium in Nickel Electrolyte," L. B. Ginzburg, L. Ya. Livshits, State Sci Res Inst of Nonferrous Metals

"Zavod Lab" Vol XVI, No 8, pp 918-923

Develops quick method for colorimetric determination of small quantities of Mn and Cr in Ni electrolyte based on ability of septavalent Mn and hexavalent Cr to form brightly colored solutions.

FDD

16976

BTR

7630: Investigation of Furnaces for the Production of Fount Glass, the Russian et al. B. Guzzbarg and N. I. Fatiers, than 1. J. School 1951, p. 71-1. Heat balances were determined for above furnices. Tables

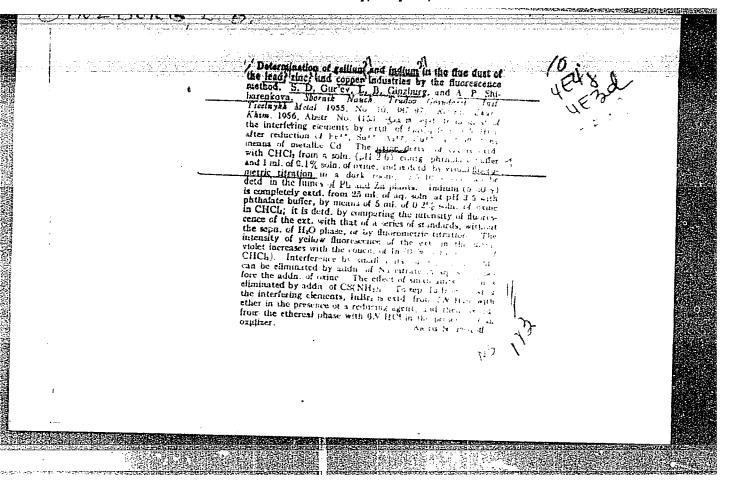
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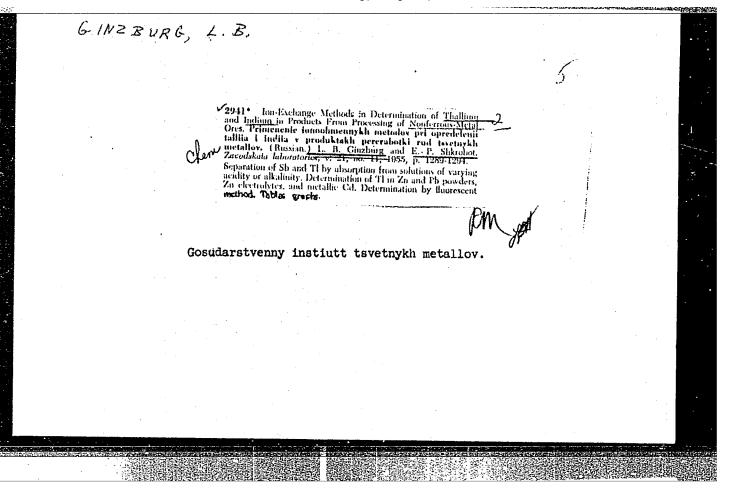
CIA-RDP86-00513R0009

2005. The photocolorimetric determination of sermanium with "phenyidinorone" in three-dusts from lead and rine production. L. B. Ginsburg. S. D. Gur'ev and A. P. Shaharengöve. The Ginsburg. S. D. Trafy, tras. Auth. That Traft Mr. 1907. 1917. 1918. The production of the companion formed absorb light mainly in the region up to 500 mμ. The mode extinction coeff. Is 77.000 at 490 mμ and 30 600 at 430 mμ. The concu. of Ge which can be incasured with l = 1 cm at 530 mμ is 1 to 50 μg in 25 ml. A photocolorimetric method for determining Ge, in which "phenyidinorum" is used, has been evolved, which is applicable to product containing considerable quantities of heavy inetals. The high sensitivity of the reaction allows the use of 0-1 to 0-2 g of sample with a concu. of Ge >0.005 per cent., which considerably simplifies the analysis. The time for a determination 19 3 to 4 hr. C. D. KOPRIN

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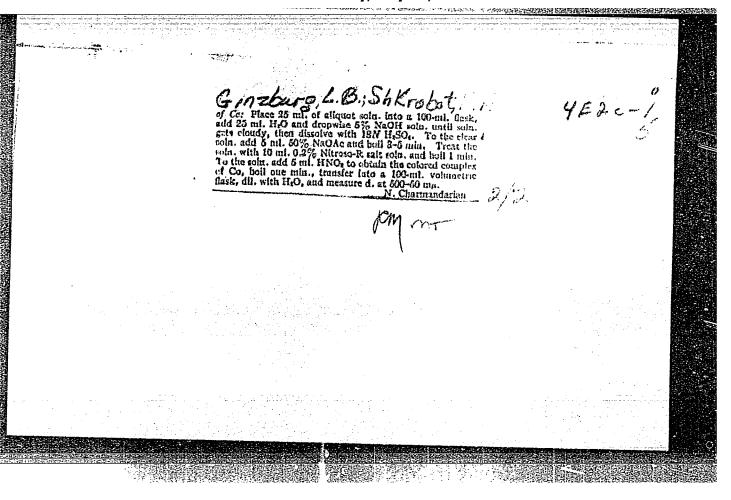




Application of the colorimotitic method for determination of the high concentration of molytelenum in concentrates and coloring and the processor of the high concentration of molytelenum in concentrates and colorimotic methods in fused graducts. L. 18. Girbary addition the Percentral 1956, No. 12, 52-09.—Piotocolorimotic etc. PEKA permits delaw of high ante. of Mo. Plane Co with error not exceeding 13% if optical 6th Mo. Plane Compils, is measured at at .-0.43 60-160-und fasts, add 0.1 s. ignited concentrate into a legal, evap. to a small ant., add 5 ml. 1850. and evap. to lumes of SOA. After cooling the color of M. H.O. beat to belling, cool, and fitter. Then aft soln. to 180-und volumetric fasts and dil, with H.O. It are soln. to 180-und volumetric fasts and dil, with H.O. It are 25 ml. of this soln, into another 250-ml. volumetric facts and dil, with H.O. Measure 25 ml. of this soln. add 1 ml. CuSO., 2 ml. attem, 181 H.SOA, in all this own and 1 ml. CuSO., 2 ml. attem, 181 H.SOA in all this own and 1 ml. CuSO., 2 ml. attem, 181 H.SOA in all this own and 1 ml. CuSO., 2 ml. attem, 181 H.SOA in all this own and 1 ml. CuSO., 2 ml. attem, 181 H.SOA in all this own and 1 ml. 181 H.SOA in and 1 ml. 181 H.SOA in and 1 ml. 181 H.SOA in another colorimetrically at 800 mg. People of in a del 1 ml. 181 H.SOA in and 40 ml. 181 H.SOA, and cusp. to sure soll vol. Add 10 ml. 181 H.SOA, and evap. to sure soll vol. Add 10 ml. 181 H.SOA, and evap. to funces soler. Merc orolang soln. add 30-40 ml. 110. Mo. and evap. to funces soler. Merc orolang soln. add 30-40 ml. 110. Mo. and evap. to funces soler. Merc orolang soln. add 30-40 ml. 110. Mo. and evap. to funces soler. Merc orolang soln. add 30-40 ml. 110. Mo. and evap. to muce soler. Merc orolang soln. add 30-40 ml. 110. Mo. and evap. to funces soler. Merc orolang soln. add 30-40 ml. 110. Mo. and 110 ml. 110 ml.

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CIA-RDP86-00513R00051672



GINZBURG, L.B.; SHKEOBOT, E.P.

Separating molybdenum and rhenium by using the ion-exchange chrometographic technique. Sbor.nauch.trud.GINTSVETMET no.12:89-93 '56.

(Chromatographic analysis) (Molybdenum) (MIRA 10:2)

(Rhenium)

· CINZBURG, L.B.

USSR/Analytical Chemistry. General Topics.

G-I

Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 19460.

Author

: S.Yu. Faynberg, L.B. Ginzburg.

Inst

: .

Title :

: Experiment of Application of Mathematical Statistical Method to Establish Norms of Permissible Discrepancies

of Assay Results.

Orig Pub

: Zavod. Laboratoriya, 1956, 22, No 10, 1157-1166.

Abstract

The method of mathematical statistics was used to develop the norms of permissible discrepancies at the assaying of products of the Pb, Zn, and Cu industries. 5,820 assays were made for the Pb and Zn industries and 9,140 assays were made for the Cu industry. The following formulae were used for the mathematical treatment of the results: $(x = x_1 + x_2 + x_3 \dots x_n)/n$; $S = \sum_{n=1}^\infty (x_1 - a) + (x_2 - a) + \dots + (x_n - a)/n$; $C = \sum_{n=1}^\infty (x_n - a)/n$. It was established that the reproduction of results depended little on the assayed

Card 1/2

-1-

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Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 19460.

product and varies depending on the contents of the determined component. The degree of error distribution followed the law of the normal distribution; 70% of the results differ <<iron a (arithmetical mean) of the series. The value 2 was proposed as the norm of the permissible discrepancy. It was proved statistically that the ferrocyanide method with the use of an exterior indicator is not applicable at < 1% of Zn; the polarographic method gives better results. The method of the determination of Al₂O₃ by difference gives badly reproducible and often wrong results; it is recommended to use direct methods (weight determination in the form of oxide of phosphate.

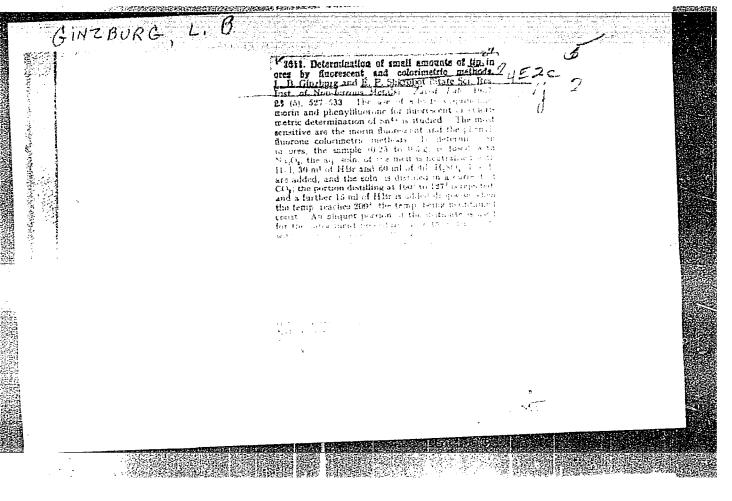
SOV/137-57-10-20571

Colorimetric Methods for the Determination of Trace Elements (cont.)

analysis. Ge is first distilled off in the form of its tetrachloride in the presence of KMnO₄ and Na₂SO₃. The weighed test sample is decomposed by fusion with Na₂O₂ in Ni or Fe crucibles. Within the range of $l-25\,\gamma$ in 25 cc, Ge can be determined colorimetrically. The determination of ln and Ga is based on the fact that solutions of oxiquinolates of In and Ge in chloroform are fluorescent under ultraviolet rays. To separate Ge it is extracted with ether from a 6N HCl solution in the presence of TiCl₃. To separate In its bromide is extracted with ether after which it is determined by ion-exchange chromatography with the SBS type cationite. The sensitivity of the determination of Ga is 0. $l\,\gamma$, that of the determination of In is 0. $5\,\gamma$ in 3 cc of chloroform. The determination of Re is based on the formation of a complex compound of Re with a thiocyanate in a hydrochloric-acid solution in the presence of SnCl₂. Mo impedes this analysis. The determination of 5 γ Re in a 5N HCl solution is feasible in the presence of 50 - 60 γ Mo by measuring its optical density 30 min after the addition of the reagent.

K. K.

Card 2/2 USCOMM-DC-60,919



05713

5 (2) AUTHORS: Ginzburg, L. B., Shkrobot, E. P.

SOV/32-25-10-2/63

TITLE:

Determination of Thallium From the Absorption of the Solution

of Its Chloride in Ultraviolet

PERIODICAL:

Zavodskaya laboratoriya, 1959, Vol 25, Nr 10, pp 1157-1162 (USSR)

ABSTRACT:

By means of the spectrophotometer of type SF-4 (with hydrogen lamp), experiments were carried out concerning the applicability of the chlorides and bromides of indium, gallium and thallium to the absorptiometric determination of these elements in nonferrous metal products. The chlorides and bromides of indium and gallium cannot be used for spectrophotometric determinations of these elements since no light absorption occurs in these solutions up to a concentration of elements of about 500 mg/l. In the chlorine and bromine compounds of thallium, a light absorption in the ultraviolet part of the spectrum, in hydrochloric-acid solutions, was ascertained for both forms of valence (T1+ and T12+) (Figs 1, 2). In 6n HCl, the absorption maximum of TiCl and TiCl₃ lies at a wave length of 244-246 m/m. The molar absorption coefficients of TiBr₃ and TiCl₃ nearly agree, and are 3 times larger than those of TiBr

Card 1/3

05713

Determination of Thallium From the Absorption of the SOV/32-25-10-2/63 Solution of Its Chloride in Ultraviolet

and TiCl (Table 1). The chlorides and bromides of Bi, Sb, Sn, Cu, Pb, and Fe also absorb the light in the ultraviolet range so that the thallium has to be extracted before a spectrophotometric determination with ether from a hydrobromic-acid colution of the sample. Experiments concerning the oxidation of thallium into the trivalent form were carried out with bromine, hydrogen peroxide, potassium persulphate, and potassium nitrite, while formalin, phenol and urea were tested for the destruction of the excess reducing agent, Phenol proved to be most favorable. The analytical results obtained by two methods from the chloride- and bromide compounds are in good agreement (Table 2); it is, however, recommended to carry out the determination by use of the chloride compound since the "zero solution" has no light absorption in this case. A course of analysis is indicated. The method was tested by dust samples of the lead-zinc production. The method permits thallium determinations from a sample of 1 g with a content of more than 0.005% Tl. There are 3 figures, 2 tables, and 1 Soviet reference.

Card 2/3

05713

Determination of Thallium From the Absorption of the SOV/32-25-10-2/63 Solution of Its Chloride in Ultraviolet

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh

metallov (State Scientific Research Institute of Nonferrous

Metals)

Card 3/3

GINZBURG, L.B.; NCGAYEVA, Z.M.; YUSTUS, Z.L.

Photocolorimetric determination of thallium and germanium in the products of nonferrous metallurgy. Sbor. nauch. trud. (MIRA 16:7)

Gintsvetmeta no.18:11-17 '61. (MIRA 16:7)

(Nonferrous metals—Analysis)

(Thallium—Analysis)

(Germanium—Analysis)

GINZBURG, L.B.; SHKROBOT, E.P.

Studying absorption spectras of certain compounds of bismuth, antimony, lead, tin, iron, copper, and manganese. Sbor. nauch. trud. Gintsvetmeta no.18:18-36 161. (MIRA 16:7)

(Metals-Absorption spectra)
(Complex compounds-Absorption spectra)

GINZBURG, L.B.; SHKROBOT, E.P.

Spectrophotometric determination of bismuth in metallic lead and in crude copper. Sbor. nauch. trud. Gintsvetmeta no.18:53-55 '61.

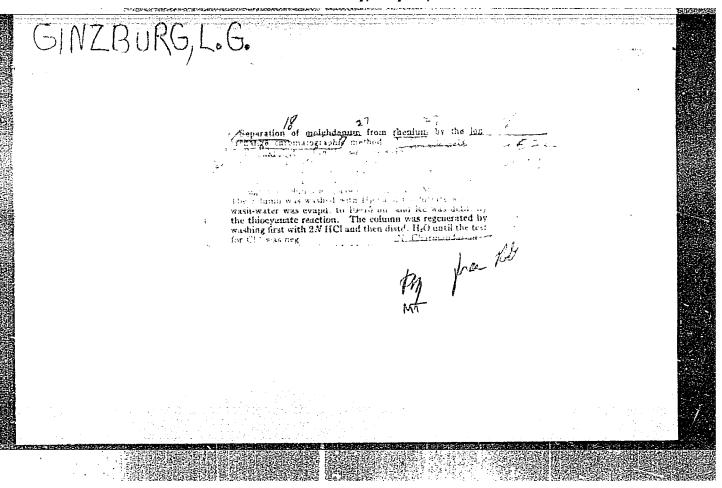
(Bismuth—Spectra) (Lead—Spectra) (Copper—Spectra)

GINZBURG, Lev Davydovich; IVANOV, B.N., inzh., red.; FREGER, D.P., red.izdeva; BELOGUROVA, I.A., tekhn.red.

[Small transformers for the filaments of high-voltage thyratrons and gas-discharge tubes] Malogabaritnye transformatory pitaniia nakala vysokovol'tnykh tiratronov i gazotronov. Leningrad, 1961. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no.14)

(MIRA 14:12)

(Electric transformers)



the and the second seco

S/00/019/069/085 B117/B110

11,9000

AUTHOR: Ginzburg, L. G.

TITLE: Effect of lubricating oil on scale formation in Diesel engines

PERIODICAL: Referativnyy zhurnal. Khimaya, no. 19, 1961, 424, abstract
19M193 (Inform. sb. Tsentr. n.-1. in-t morsk. flota, no. 47.
1960, 49 - 57)

TEXT: The cylinder emulsion cils synthesized at the VNIINP were tested in a two-cylinder, two-stroke engine type 2 (16.5/20) (2 DSP 16.5/20), 50 HP at 750 rpm, operating with sulfur fuel (mixture of 65 % export mazout, trademark "HO" ("Yu") and 35 % Diesel fuel with 2.53 % sulfur). The test showed that the cil samples produced in the USSR have properties preventing scale formation and guaranteeing the purity of the Diesel engine piston group even during operation with highly sulfurous fuels. This is mainly due to the presence of a considerable amount of alkaline additives in aqueous phase neutralizing the primary oxydation products of the cil and preventing the formation of tars and other polymeric products.

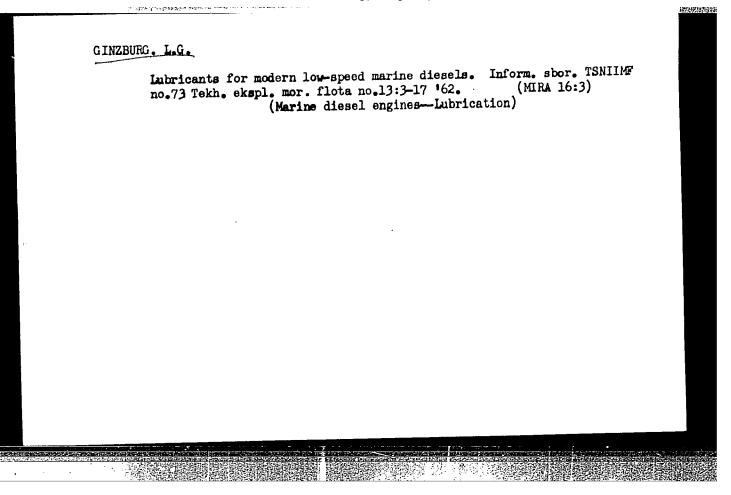
Card 1/2

S/cs: 101/000/019/069/085 Effect of lubricating oil on scale formation ... B: 17/B110

Emulsion oils are recommended for lubricating low-speed Diesel engine cylinders particularly when, during the use of customary cylinder oils (motor oil, automobile lubricant AK 15 (AK 15)), the cylinders are soiled by scale and varnish. It is pointed out that in a Diesel engine comprising a precombustion chamber the thickness of the scale layer in the combustion chamber does not depend on the kind of fuel and oil used. Abstracter's note: Complete translation.

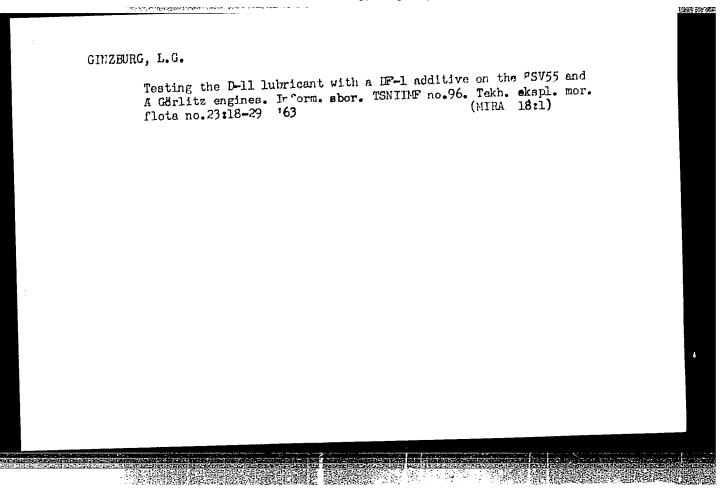
 $\mathcal{L}_{\mathcal{B}}$

Card 2/2



Service testing of the D-11 lubricant with a VNIINP-360 additive on V111-1hR216/310 engines. Inform. sbor. TSNIIMF no:73. Tekh. ekspl. mor. flota no:13:67-84 62. (MIRA 16:3)

(Lubrication and lubricants-Testing)

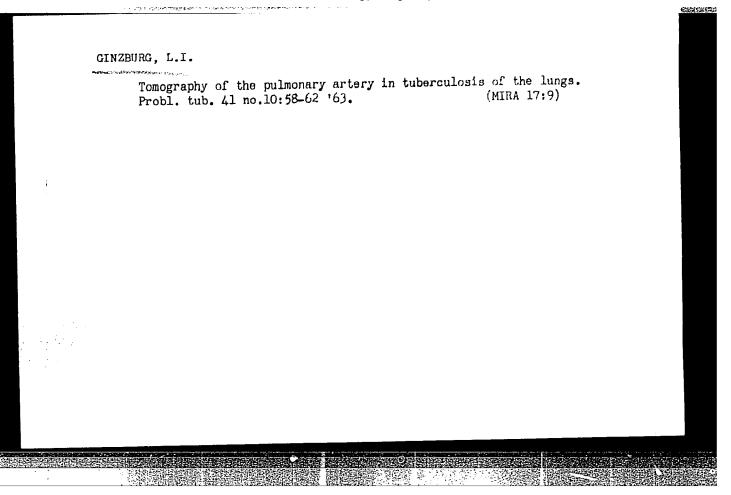


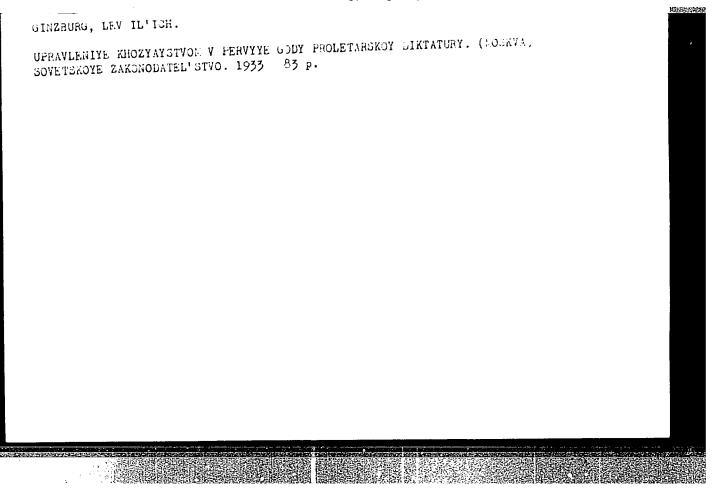
CINZBURG, L.I. Lowering the weight of the square meter of paper is an urgent problem. Bum. prom. 36 no.11:9-10 N '61. (MIRA 15:1) 1. Glavnyy inzh.fabriki "Komsomolets". (Paper)

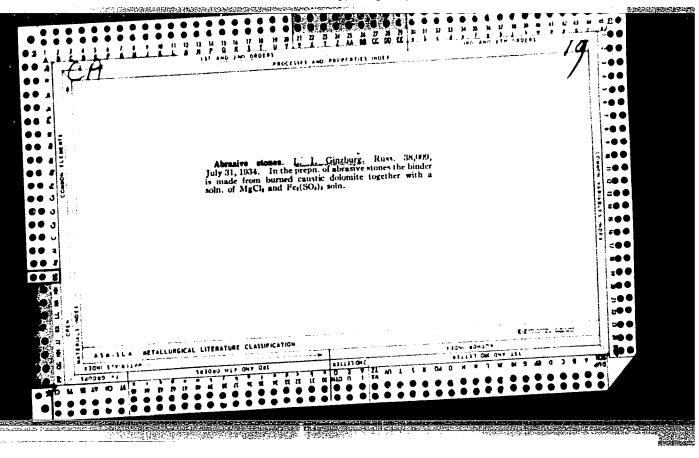
GINZBURG, L.I., prof.

Science at the service of the bast fiber industry. Tekst. prom. 23 no.12:16-20 D '63. (MIRA 17:1)

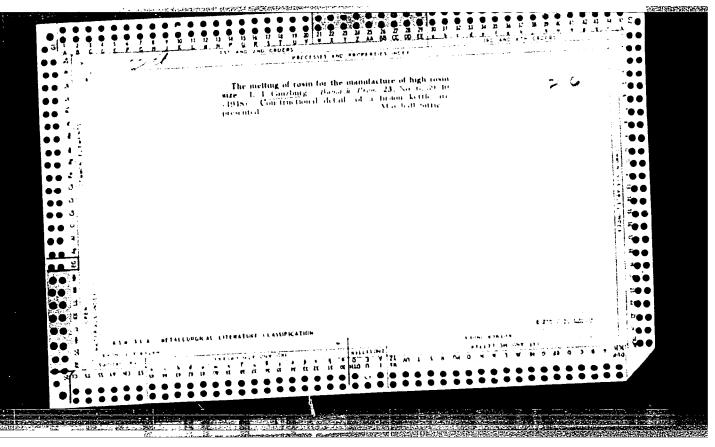
1. Zamestitel' direktora po nauchnoy rabote TSentral'nogo nauchno-issledovatel'skogo instituta lubyanykh volokon (TsNIILV).



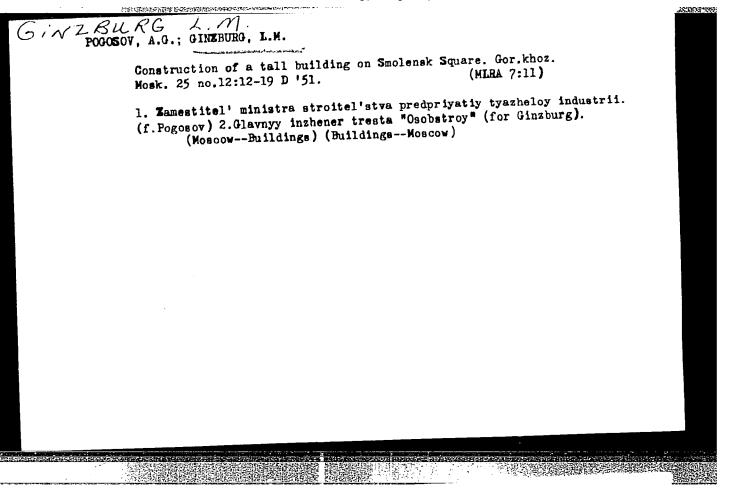




Simple ematter; of allogs and nonferrous metals dockwar, Blav. red. litter; so toward modellurght, 1935.
Collection of the original. 159 p. Him 53-197.
Hierofile TS-4



L. I. GINZBURG					PA 190T	55			
		method for calcg "air cases" and su attain optimum temp at min heat exc mitted by Acad M. V. Kirpichev.	USSR/Engineering - Heat Engineering (Contd)		Developed equation of ventilation process for mean values of parameters of this process for system of eqs of math physics. Corroborated modeling theory, developed in works by Acad Kirpichev and his school, may be applied to tilated rols with heat loss in them. Estab	"Iz Ak Neuk SSSR, Otdel Tekh Nauk" I 549	"Modeling of Forced Ventilation in Buildings With a Heating System," L. I. Ginzburg	USSR/Engineering - Heat Engineering	
	790155	suggests how to exchange. Sub-	Apr 51	190155	on process for its process from Corroborated that rorks by Acad M. V. e applied to venthem. Establishes	No 4, pp 537-	Buildinge With	Apr 51	



- 1. GINZBURG, L. I.
- 2. USSR (600)
- 3. Wood pulp industry
- 4. Technical and economic indexes in pulp production. Bum.prom. 27 No. 6 1952.

9. Monthly List of Russian Acessions, Library of Congress, February, 1953. Unclassified.

Some technical and economic indices of pulp 28 Ag 153.	production. Bum.prom. 28 no.8 (MLRA 6:7)
1. Okulovskiy tsellyulozno-bumazhnyy kembin	at. (Wood-pulp industry

GINZBURG, I.M., glavnyy inshener; FELIMAN, I.Ya., glavnyy mekhanik.

Complete mechanization of transport operations in building a skyscraper.
Mekh. trud. rab. 7 no.11:30-35. (MIRA 6:12)

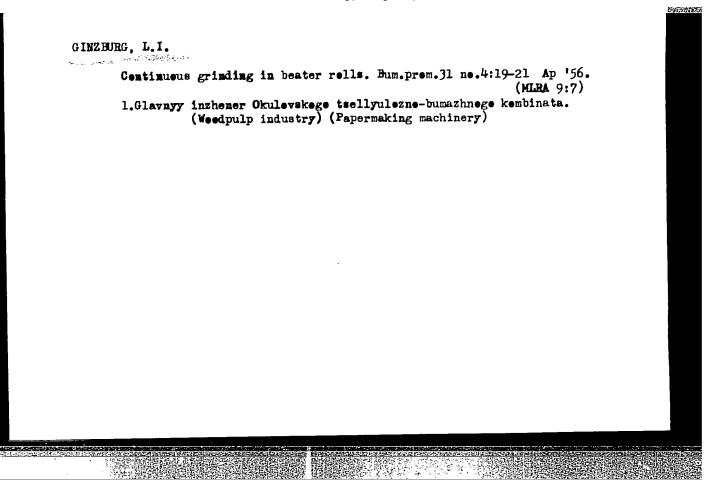
1. Trest Osobstroy.
(Transportation, Automotive) (Hoisting machinery) (Skyscrapers)

GINZBURG, L.I., dotsent, kandidat tekhnicheskikh nauk.

Mathematical description of ventilation processes of heat exchange in buildings. Trudy Stroi.inst.Mosgorispolkoma no.4: 9-15 '53.

(Ventilation) (Heating)

GINZBURG L.I. Economizing fiber. Bum.prom. 29 no.11:26-27 N '54. (MIRA 8:1) 1. Glavnyy inshener Okulovskogo tsellyulozno-bumazhnogo kombinata. (Paper industry)



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CIA-RDP86-00513R00051672

GINZBURG, L.I., inzhener; ROZENTAL', A.Ya., inzhener.

Fastening lightning protective cables to electric transmission
line poles. Elek.sta. 28 no.9:93 S '57. (MIRA 10:11)
(Lightning protection)

GINZHURG, L.I.

Paper weight reduction and number of meters manufactures. Bum. prom. 32 no.3:22 Mr '57.

1. Glavnyy inzhener Okulovskogo tsellyulozno-bumazhnogo kombinata.

(Paper industry)

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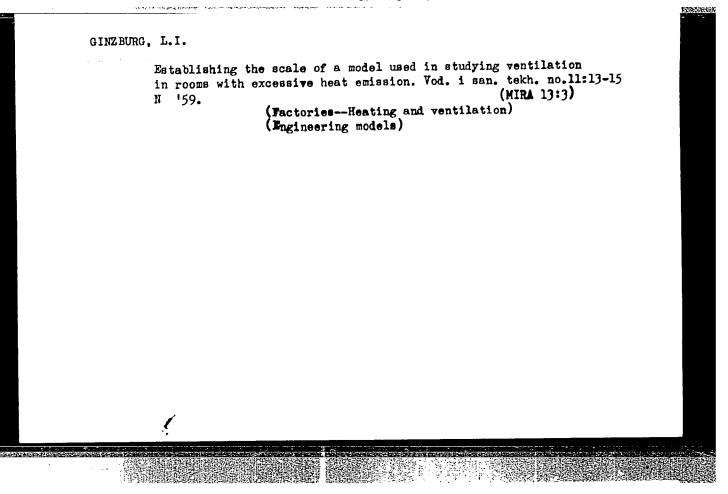
GINZBURG, L.I., inzh.; ROZEUTAL', A.Ya., inzh.

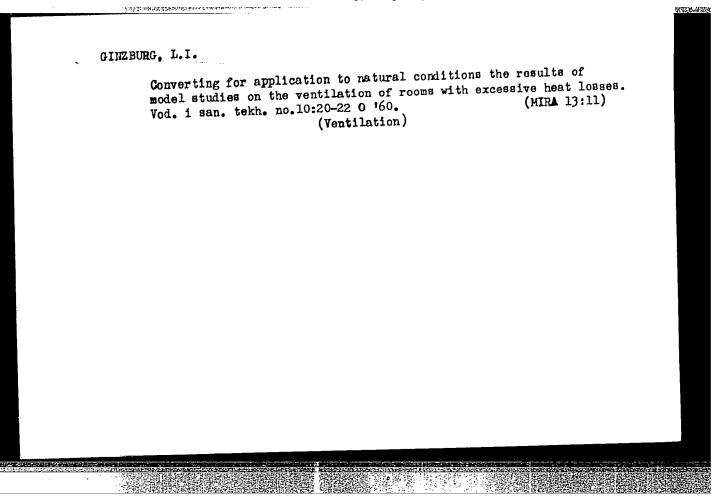
Use of devices recording the operations of valve-type arresters.

Elek. sta. 29 no.2:89 F '58.

(Gounting devices)

(Gounting devices)



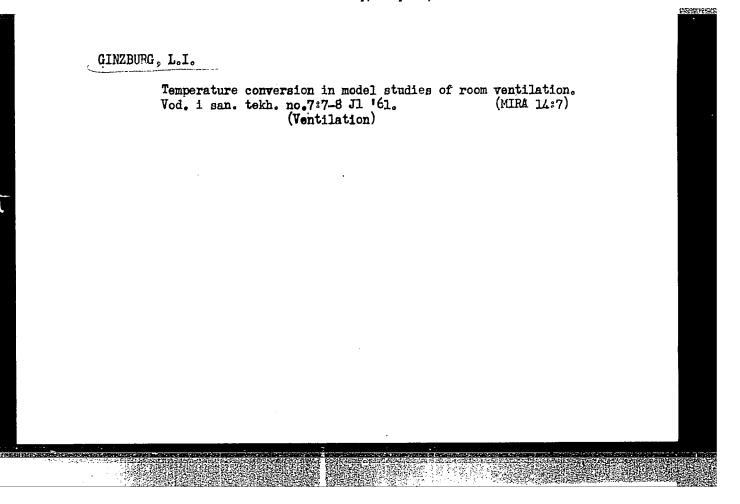


Changes in the mean spatial temperature of rooms with excessive heat emission due to an irregular ventilation process. Vod.i san. tekh. no.4:26-27 Ap *62. (Wentilation)

GINZBURG, L.I., kand.tekhn.nauk

Nomograms for determining values of the Gr-Pr complex in using models to study ventilation processes. Vod. i san. tekh. no.7: 5-6 Jl '62. (MIRA 15:9)

(Ventilation--Research)



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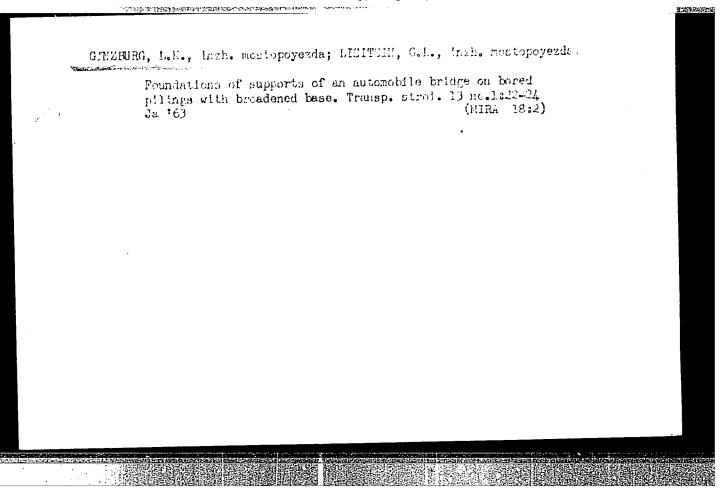
GINZBURG, L.I., kand.tekhn.nauk

Temperature characteristics of a room. Vod.i san.tekh. no.4s
(MIRA 16s4)

(Ventilation)

GHIZBIRG, L.I., kand. tekhn. neuk

Determining the geometric scale in modeling the vintilation of buildings. Vod. 1 san. tekh. no.12:31-32 D tol (High 18:4)



SUKHANOVA, Z.M. (Gomel'); GINZBURG, L.M. (Gomel')

Experience in the organization of production line operations.

(MIRA 14:3)

Shvein.prom. no.1225-27 Ja.F '61.

(Assembly-line methods) (Gomel'.-Elothing industry)

CIA-RDP86-00513R00051672 "APPROVED FOR RELEASE: Thursday, July 27, 2000 5/191/62/000/004/010/017 35327 B110/B138 Shcherbakov, V. M., Mazur, S. V., Ginzburg, L. W. Strength properties of class plastics under static and impulsive loads elasticity of class plastics Strength properties of blass plustics. Strength and impulsion attains and impulsion of plass plastics under attain and impulsion of plass plastics. TEXT: The results of tensile, and static and impact bending tests are tensile, and static and impact bending ultimate tensile.

The results of tensile, and static and impact bending ultimate tensile, and static and impact bending ultimate tensile. 11. 8310 TEXT: The results of tensile, and static and impact bending tests are least to results of tensile, and static and impact bending ultimate least least to results of tensile, and static and impact bending ultimate least leas tiven, together with analytical methods of determining ultimate tensile power phenol resin shows line cracks, on glass cloth, no hair line stics on glass and the modulus of elasticity. On glass cloth, found in plastics is stress and the modulus of good adhesion on glass that is because the filler is shrinkade on hardening, good adhesion that is good tensile that the layers of glass cloth is shrinkade on hardening, good tensile that the layers of glass cloth is and low internal stresses. Cloth I the layers of glass cloth satin or twisted glass bond between the layers of glass cloth satin or twisted and the bond between the layers of glass cloth between the layers of glass cloth satin or twisted glass bond between the layers of glass cloth satin or twisted glass bond between the layers of glass cloth satin or twisted glass bond between the layers of glass cloth satin or twisted glass bond between the layers of glass cloth satin or twisted glass bond between the layers of glass cloth satin or twisted glass cloth satin or twisted glass bond between the layers of glass cloth satin or twisted glass cloth satin satin sating AUTHORS: TITLE: better impregnated and the bond between the layers of glass in three and the bond between the layers of glass in three peolins of glass plastics takes place in and peoling of glass filler is destroyed, peoling the resin and glass filler is destroyed, peoling the resin and glass filler resin starts peoling the resin and the flass cloth is stages:

| Tensile rupture of glass plast filler in the resin and the filler takes over the whole load, (3) the glass cloth is stages:
| Tensile rupture of glass plastics the glass cloth is the filler takes over the whole load, (3) the glass cloth is stages:
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| Tensile rupture of glass place in three peolics place is destroyed. (3) the glass cloth is stages:
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S/191/62/000/004/010/017 B110/B138

Strength properties of glass...

ruptured. $\sigma F = \sigma_g F_g + \sigma_r F_r$ holds, where $\sigma =$ stress in the glass plastic, $\sigma_g =$ stress in the glass filler, $\sigma_r =$ stress in the resin, F = total cross section area, $F_g =$ area of glass filler cross section, $F_r =$ area of resin cross section. The ultimate tensile strength (UTS) is

$$\sigma = \sigma_{cw} + \gamma_{cw} \frac{0.5(\beta J_{cT} - \sigma_{cw}) - \sigma_{cw}}{\gamma_{cw} + \gamma_{cT} - R}$$
 (5)

where σ = UTS of glass plastic, σ_{cm} = UTS of resin, σ_{cT} = UTS of elementary glass fiber, R = resin content by weight, β = strength utilisation factor of elementary glass fiber, γ_{cm} = specific gravity of hardened resin, γ_{cT} = specific gravity of glass fiber (\sim 2.5-2.6). For glass plastics reinforced with unidirectional fiber:

$$\sigma = \frac{\gamma_{\text{cM}}(\beta\sigma_{\text{cr}} - \sigma_{\text{cM}})}{R} + \sigma_{\text{cM}}$$

$$\gamma_{\text{cM}} + \gamma_{\text{cr}} \frac{R}{1 - R}$$
(6)

Card 2/5

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Strength properties of glass...

S/191/62/000/004/010/017 B110/B136

TO THE REPORT OF THE PROPERTY OF THE PROPERTY

Equations (5) and (6) are however, only approximate, as a lot of factors influencing strength are not taken into account. In glass plastics with satin woven glass cloth, the different layers are well interlinked, load contact is avoided. Production under pressure gives 10-35 % higher and 40-55 % in epoxy phenol and polyester resins than does vacuum molding, influence on bending strength of glass plastics. Resin content has a decisive bending was 162 kg/cm², and at 28.8 %, 1645 kg/cm². In static bending at 150-200 kg/cm². The UTS in bending is

 $\sigma = 1/I \sum_{i=1}^{n} \sigma_i I_i,$

where σ_i denotes the stress in the components of the class plastic and I_i are the moments of inertia of their cross sections. Although the UTS modulus of elasticity is only 1/10.

X

Strength properties of glass...

S/191/62/000/004/010/017 B110/B138

$$E = 1/F \sum_{i=1}^{n} E_{i}F_{i}$$

defines the modulus of elasticity, F denotes cross sectional area of the test piece, F_i the cross sectional area of the individual components, E_i their moduli of elasticity. The modulus of elasticity and impact strength in bending (pendulum velocity = 3.5 m/sec) increase with the thickness of the glass cloth. Good values were obtained with braided small-cell cloth and with satin weave. The deformation of glass plastics obeys Hook's law right up to rupture. Quantitative estimates of strength and deformation were made to assess suitability for engineering purposes. Approximate values for the maximum dynamic deflection f_d and impact toughness in bending strength σ_d are found from the amount of work dissipated in destruction. $f_d = f_{st} + \sqrt{f_{st}^2 + 2hf_{st}}$, where $f_{st} = Pl^3/482I = static$ deflection under load P and $\sigma_d = 3\sqrt{2AE/b\delta l}$, where E is the modulus of elasticity, A is the work of destruction, δ is sample thickness, b is

 χ .

Strength properties of glass...

S/191/62/000/004/010/017

Sample width, and I is the span width. There are 5 figures and 7 tables.

F. N. McGarry, Plast. Techn., No. 2, 46 (1959).

Card 5/5

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000516720

"High Stretch on Ring-Spinning Frames for Net Spinning of Plax." Thesis for degree of Dr. Technical Sci. Sub. 4 Feb 49, Moscow Textile Institute.

Summary 82, 18 Dec 52, Dissertations Fresented For Degrees in Science and Engineering in Moscow in 1949. From Wechernyaya, Moskya, Jan-Dec 1949.

GINZBURG, L. N.

Application of electric deformation measuring instruments in textile technology. Tekst. prom., No 2, 1952.

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051672

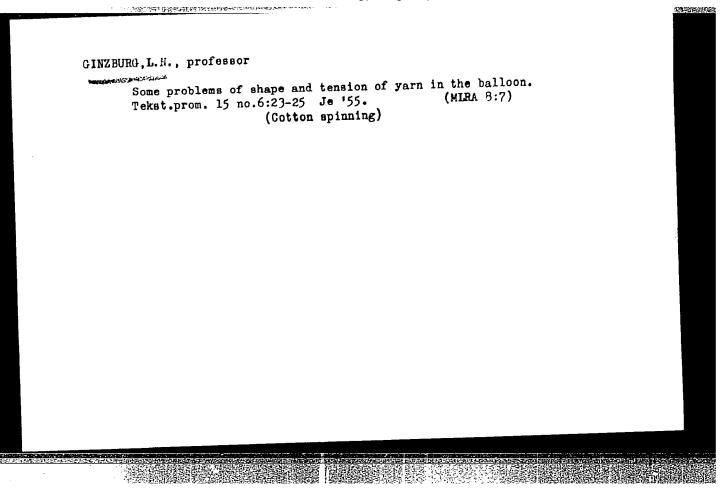
PIKOVSKIY, Genrikh Iosifovich; SAL'MAN, Semen Il'ich; GINZBURG, Lev Natanovich; GAL'BURT, Mark Yakovlevich; LIOZHOV, A.G., redaktor; SMUHTAKOVA, R.V., takhnicheskiy redaktor

[Gircular looms for wat weaving of flax] Kol'tsevye mashiny dlia mokrogo priadentia l'na. Moskva, Gos. nauchno-tekhn. izd-vo Ministermokrogo priadentia l'na. Moskva, Gos. potreblentia SSSR, 1954. 155 p. etva promyshlennykh tovarov shirokogo potreblentia SSSR, 1954. 155 p. (Looms) (Flax)

GINZBURG, L.N., professor.

Scientific achievements in the service of industry. Tekst.prom.
(MLDA 8:1)

1. Zamestitel' direktora Temilly po nauchnoy rabote.
(Textile research)



GINZBURG, L.N., professor.

Trends of technical progress in the linen industry. Tekst.prom. 16 no.5:9-12 My '56. (MLRA 9:8)

1. Zamestitel' direktora TSentral'nogo nauchno-issledovatel'skogo instituta l'nyanogo volokna po nauchnoy rabote.

(Linen)

KOVNER, Semen Samsonovich, professor; GINZRIEG, L.N., retsenzent; VAYNBERG, M.M., retsenzent; ARKHANGEL SKIY, S.S., redaktor; KOGAN, V.V., tekhnicheskiy redaktor

[Mathematical methods of studying the movement of fibers in the process of drafting] Matematicheskie metody issledovaniia dvizheniia volokon v protsesse vytiagivaniia. Moskva, Gos.n auchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1957. 279 p. (MIRA 10:9)

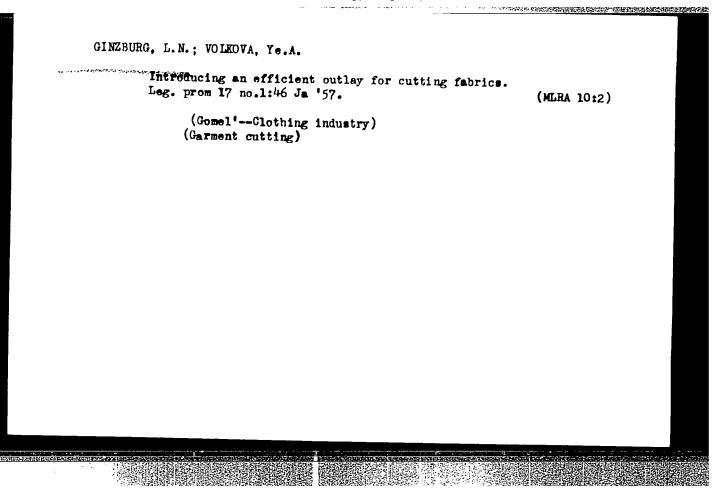
Moskovskiy tekstil'nyy institut (for Kovner)
 (Spinning)

GINZBURG, Lev Natanovich, professor, doktor tekhnicheskikh nauk; SAL'MAN.

Benen Itself tekhnicheskikh nauk; TARASOV, Sergey
Vladimirovich, kandidat tekhnicheskikh nauk; LAZAREVA, Sof'ya
Yefremovna, kandidat tekhnicheskikh nauk; FRIDMAN, Boris Mikolayevich,
kandidat tekhnicheskikh nauk; LIFSHITS, Izrail' Yakovlevich,
inzhener; SOBOLEV, G.A., retsenzent; SOKOLOVA, V.Ye., redaktor;
MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[Handbook on flax spinning] Spravochnik po priadeniiu 1'na. Pod red. L.N.Ginzburga. Moskva, Gos.nauchno-tekhn.izd-vo M-va legkoi promyshl. SSSR, 1957. 667 p. (MLRA 10:8)

1. Moscow: TSentral'nyy nauchno-issledovatel'skiy institut promyshlennosti lubyanykh volokon.
(Linen) (Spinning)



GINZBURG, L.M., doktor tekhn.nauk, prof.

Science and technology in the bast fiber industry. Tekst.prom.17 no.11:53-57 N '57. (MIRA 10:12)

1. Zamestitel' direktora TSentral'nogo nauchno-issledovatel'skogo instituta lubyanykh volokon.

(Bast--Testing) (Duck (Textile)) (Textile research)

[Fundamentals of the spinning of fabrics] Osnovy priadeniia voloknistykh materialov. Pod red. V.E.Zotikova. Moskva, Gos.nauchno-tekhn.izd-volit-ry po legkoi promyshl., 1959. 506 p. (MIRA 12:11)

1. Kafedra prysdeniya khlopka Ivanovskogo tekhnologicheskogo instituta (IvTI) (for Karpov, Orlova, Taleporovskaya, Finkel'shteyn).

(Spinning)

GINZBURG, Lev Natanovich, prof.; DVERNITSKIY, Iosif Melent'yevich, inzh.;

TAKASOV, S.V., retsenzent; SLUTSKOV, I.K., retsenzent; FEYMAN,

I.I., retsenzent; LYASHENKOV, I.K., retsenzent; VOLGIN, A.A.,

retsenzent; GORDEYCHIK, G.M., red.; SOKOLOVA, V.Ye., red.;

MEDVEDEV, L.Ya., tekhn.red.

[Spinning of bast fibers and the manufacture of twisted products] Priadenie lubianykh volokon i proizvodstvo kruchenykh izdelii. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1959. 549 p. (MIRA 12:8)

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(Bast) (Cordage)

DOBYCHIN, Vadim Petrovich; DMITRIYEVA, A.I., red.; GINZBURG, L.N., red.

[Problems in the theory and methodology of research in textile technology] Voprosy teorii i metodologii issledovanii v tekstil'noi tekhnologii. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1960.

427 p. (MIRA 14:2)

(Textile industry)

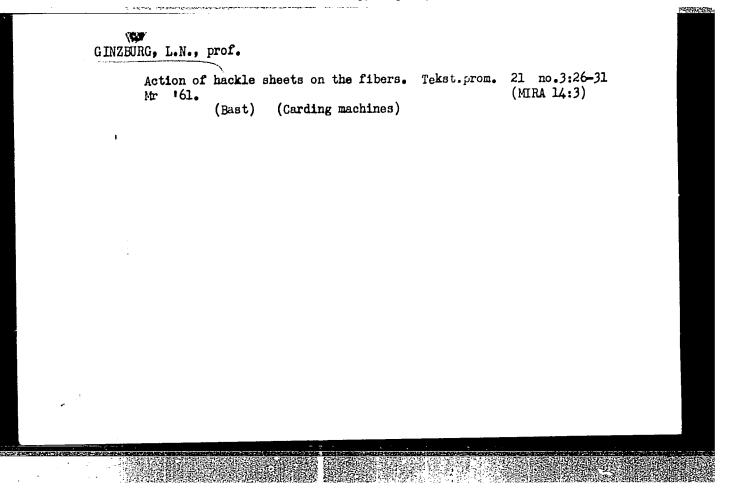
GINZBURG, L.N., prof., doktor tekhn. nauk, red.; SOKOLOVA, V.Ye., red.; SHVETSOV, S.V., tekhn. red.

[Manual on the spinning of rough hemp fibers and manufacture of twisted articles] Spravochnik po priadeniiu grubykh lubianykh volokon i proizvodstvu kruchenykh izdelii. Pod red. L.N.Ginzburga. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1961. 526 p.

(MIRA 14:12)

(Spinning)

(Rope)



GINZBURG, L.M., doktor tekhn.nauk; FRIDMAN, E.N., kand.tekhn.nauk

Some problems of the drawing theory in connection with high drafts and spinning from the sliver. Tekst.prom. 21 no.5:16-23 ky '61.

(NIRA 15:1)

(Spinning machinery)

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GINZBURG, L.N., doktor tekhn.nauk; FRIDMAN, B.N., kand.tekhn.nauk

Some problems of the drafting theory in cases of high drafts and of spinning from the eilver. Tekst.prom. 21 no.6:25-28 Je '61.

(Spinning)

(Spinning)

SEVOST'YANOV, Aleksey Grigor'yevich; GINZBILIG, LaN., retsenzent; LEVINSKIY, V.P., retsenzent; AKSENOVA, I.I., red.; KNAKNIN, M.T., tekhn. red.

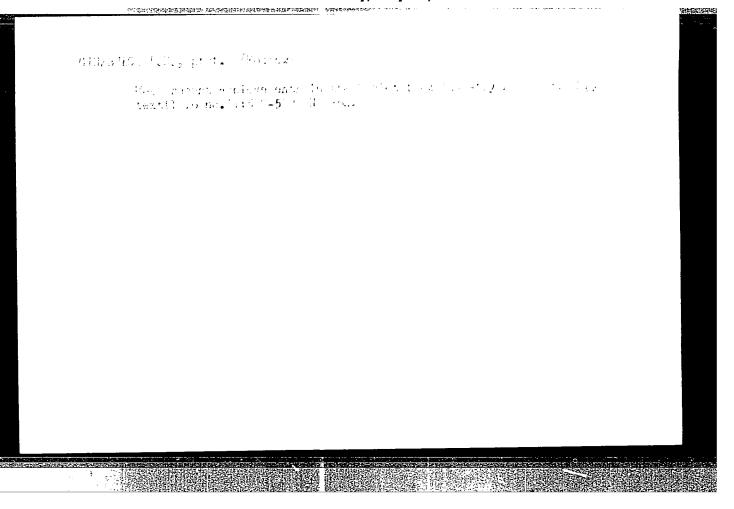
[Methods for analyzing the irregularities of spinning products; characteristics of random functions and their application] Metody issledovaniia nerovnoty produktov priadeniia; kharakteristiki sluchainykh funktsii i ikh primenenie. Moskva, Rostekhizdat, 1962. 385 p. (MIRA 15:7)

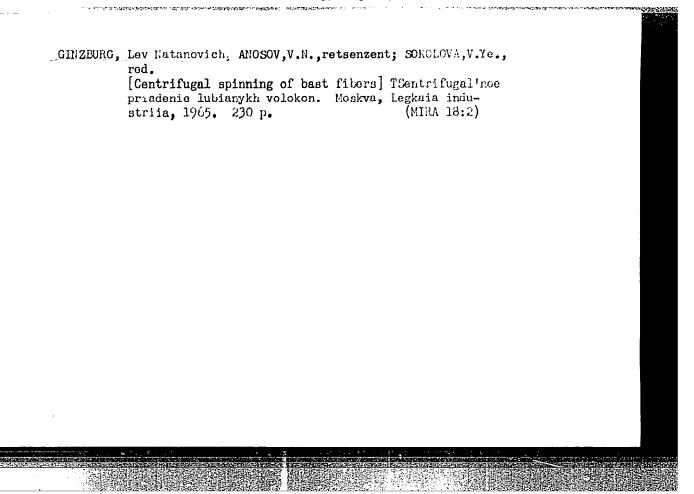
(Spinning)

GIMZBURG, L.W., prof.; KHAVKIN, V.r., nauchnyy sotrudnik

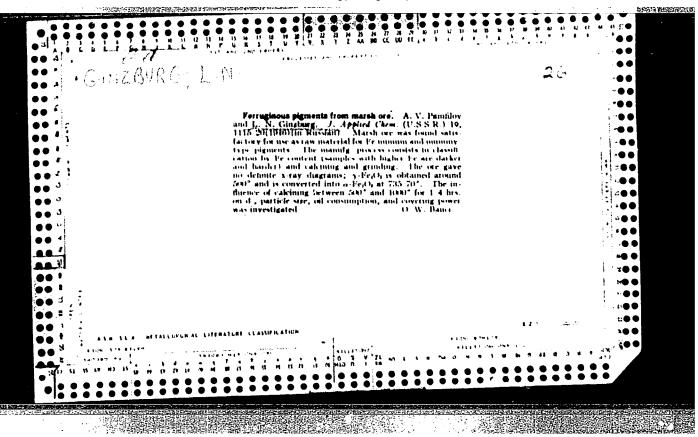
Determining the probable characteristics of yarn tension in centrifugal spinning as dependent on the probable characteristics of yarn mass distribution along its length. Tekst. prom. 24 no.4: 10-20 Ap '64. (MIRA 17:6)

1. TSentral'nyy nauchno-isaledovatel'skiy institut promyshlennosti lubyarykh volokon (TsHiILV) (for Ginzburg). 2. Vsesoyuznyy nauchno-isalegovatel'skiy institut tekstil'nogo i legkogo mashinostroyeniya (VHIIITekmash) (for Khavkin).





Strength of glass reinforced plastics. Strength and elasticity of glass reinforced plastics under the effect of static and impact loads. Plast.massy no.4:33-43 '62. (MIRA 15:4) (Glass reinforced plastics—Testing)



- 1, GINZBURG, L. N. Eng.
- 2. USSR (600)
- 4. Peat Industry
- 7. Measures against the freezing of peat deposits, and methods of keeping sections of lump peat production free from frost. Torf. prom. 29 no. 10. 152.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

RUMYANTSEV, V.Ya., inzhener; GINZBURG, L.N., inzhener; RYABCHIKOV, M.Ya., inzhener; ANDRZHEYEVSKIY, A.M., inzhener.

Mechanization of block peat production during 1953 by enterprises of the Main Administration of the Peat Industry. Torf.prom. no.2: 6-15 '54. (MLRA 7:3)

1. Petrovsko-Kobelevskoye torfopredpriyatiye (for Rumyantsev).
2. Sverdlovskiy torfotrest (for Ginzburg). 3. Chernoramenskiy torfotrest (for Ryabchikov). 4. Orekhovskove torfopredpriyatiye (for Andrzheyevskiy). (Peat industry)

KASHCHENKO, Petr Mikhaylovich; KHOROSHAVIN, Nikolay Ivanovich; CINZBURG, L.N., red.; VORONIN, K.P., tekhn. red.

[Winning block peat for fuel with the TEMP excavator] Dobycha kuskovogo toria na toplivo ekskavatorami TEMP. Moskva, Gos. energ. izd-vo, 1958. 104 p. (Peat)

COURT OF THE PROPERTY OF THE P

ALEKSEYEV, Ye.T.; APENCHENEO, S.S.; BASOV, A.P.; BAUSIN, A.F.; BERSHADSKIY, L.S.; VELLER, M.A.; GINZBURG L.N.; GUSEV, S.A.; DANILOV, G.V.; DOLGIKH, M.S.; DRUZHININ, N.N.; YEFIMOV, V.S.; ZAVADSKIY, N.V.; IVASHECHKIN, N.V.; KARAKIN, F.F.; KUZHMAN, G.I.; LOBANOV, S.P.; MERKULOV, Ya.V.; NIKODIMOV, P.I.; PANKRATOV, N.S.; PYATAKOV, L.V.; RODICHEV, A.F.; SMIRNOV, M.S.; STRUKOV, B.I.; SAVOCHKIN, S.M.; SAMSONOV, N.N.; SINITSYN, N.A.; SCKOLOV, A.A.; SOLOPOV, S.G.; CHELYSHEV, S.G.; SHCHEPKIN, A.Ye.

Fedor Nikolaevich Krylov; obituary. Torf. prom. 35 no.6:32 58.

(Krylov, Fedor Nikolaevich, 1903-1958)

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GINZBURG, L. P.

USSR/Astronomy - Graviational Waves, Stability

1 Oct 51

"Stability of Astronomical Systems," D. D. Ivanenko, A. M. Brodskiy, L. P. Ginzburg, Moscow State U imeni Lomonosov

च्या प्राप्ताच्याच प्रश्नाचका श्रम्भवयः । **वस्त्राध्यक्षकात्रभूत्वराध्यक्षात्र अ**त्रपुर्वत्र राज्यापुर्वः

"Dok Ak Nauk SSSR" Vol LIXX, No 4, pp 565-567

The discussion of Einstein's gravitational field can in a linear approximation be reduced by analogy to a discussion of other wave fields. In this report the authors extend this analogy and introduce the concept of temp and thermal radiation of a weak gravitational field. The derived representations are then applied for the purpose of clarifying problems of stability of certain astronomical systems. Crit temps are found for the various planets and the sun. Submitted 4 Aug 51 by Acad V. G. Fesenkov.

222733

BOYCHENKO, V.I.; GINZBURG, L.P.

Gas-air turner with increased parameters. Gaz. prom. 8 no.7: 36-38 '63. (MIRA 17:8)

OVANESOV, M.G.; GINZBURG, L.S.

Geology of the Dl horizon in the Shkapovo field in connection with its development. Izv. vys. ucheb. zav.; neft'i gaz 3 no.ll;3-7 '60. (MIRA 14:1)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni akademika I.M. Gubkina. (Shkapovo region—Oil reservoir engineering)

3(4) AUTHOR:

Ginzburg L.

501/6-59-7-19/25

TITLE:

Municipal Traverse Surveying With Wall Bolts (Gorodskaya poli-

gonometriya so stennymi tsentrami)

FERIODICAL: Geodeziya i kartografiya, 1959, Nr 7, pp 59-61 (USER)

ABSTRACT:

At present, the points for the municipal traverse survey are fixed by wall bolts with removable poles, as well as by pairs of wall signs. Both types are inconvenient and imperfect. A different type is suggested here to reduce the shortcomings. Two wall bolts, one each on two opposite walls, should be attached to buildings every 200-250 m. The sight between the signs of one pair should be ensured, and, if possible, also the sight between the wall bolts of neighboring pairs. The hole-axis in a spherical projection serves as center of the sign. The wall bolts are described in detail, and shown in two views in figure 1. The height above ground is 1.3-1.4 m. This permits the same to be used as fixed points for leveling. The methods of joining the theodolite traverses by the use of such wall bolts are pointed out. In this kind of installation of wall bolts, the joining traverses and the computation

Card 1/2

· · Municipal Traverse Surveying With Wall Bolts

507/6-59-7-19/25

are easily carried out. There are 3 figures and 1 Soviet reference.

Card 2/2

5(4), 15(9)

504/76-33-6-35/44

AUTHORS:

Tutorskiy, I. A., Ginzburg, L. V., Dogadkin. B. A.

TITLE:

On the Decomposition Mechanism of Disulphides Under Conditions of Vulcanization (O mekhanizme raspada disulifides v usloviyakh

vulkanizatsii)

PERIODICAL:

Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 6,

pp 1401-1408 (USSR)

.... २० चन्याच्या स्वरूपकार स्वामानकारको । स्वरूपकार स्वरूपकार स्वामान स्वरूपकार । स्वरूपकार स्वरूपकार स्वरूपक

ABSTRACT:

The decomposition mechanism of organic disulphides used as vulcanization accelerators has been insufficiently clarified up to now. It is assumed that a decomposition only takes place on the weaker 3-3 bindings, and not on the C-S bindings, which has been recently doubted. In the present paper, the decomposition mechanism of the 2,2'-dibenzenethiazolyldisulphide (I) (altax, DBTDS) was investigated under vulcanization conditions by means of the S²⁵-radiocatepe. Mixtures of purified Na-butadiene rubber (SKB-50 Sheh (for foedstuffs)) containing 1 and 2 parts by weight of (I) to 100 parts of rubber (R) were exposed to vulcanization. In the vulcanization without sulphur, (I) was used on the disulphide bridge marked with S³⁵. The quantity of (I) deposited on (R) was determined radiometrically (Ref 8), whereby the S-quantity deposited

Card 1/3

0n the Dacomposition Mechanism of Disulphides Under Conditions of Vulcanization

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from the S.S binding was detormined, whereas the total quantity of deposited S was determined by a chemical method. The results obtained show that the quantity of total sulphur excoeds that from the disulphide bridge by more than 2, which points to an asymmetric decomposition of (I). In a vulcanization without sulphur with (I) it seems that, besites the lecomposition on the C-S binding, also an asymmetric decomposition on the C.S binding takes place, which also applies to the vulcanization with sulphur (leades (I)). The reaction of the (I) deposition, and that of the sulphur on (R), occur in parallel, and there is a linear function between the quantity of bound S and that of (I). The velocity constant for the (I) deposition on (R) rises linearly with the concentration of (I), but there is a limiting value for the added quantity of (I) (about 75% of the added quantity of (I)), which is independent of the concentration of (I). Data on the composition of the (R)-mixture (Table 1). on the vulcanization with S besides (I) (Table 2), as well as on the distribution of radioactivity between the vulcanizate and the extract

Card 2/3

SOV/76-33-6-36/44

On the Decomposition Mechanism of Disulphides Under Conditions of Vulcanization

Odnina (1011

(Table 3) are given. There are 6 figures, 3 tables, and

14 references, 11 of which are Soviet.

ASSOCIATION: Institut tonkoy khimicheskoy tekhnologii im. M. V. Lomonosova

Moskva

(Institute of Chemical Fine Technology imeni M. V. Lomonosov

Moscow)

SUBMITTED: December 23, 1957

Card 3/3

VASIL'YEV, G.Ya.; SHVARTS, A.G.; SEROV, I.A.; MESROPOV, Yu.D.; Prinimali qchastiye: BARANOV, S.B.; BISEROVA, A.A.; GINZBURG, L.V.; GGROKHOV, N.D.; KARAPETYAN, D.A.; KEPERSHA, L.M.; MAMEDOVA; M.M.

Manufacture of diaphragms at the Baku tire factory. Kauch.i rez. 21 no.1:45-47 Ja '62. (MIRA 15:1)

SHERSHNEV, V.A.; GINZBURG, L.V.; DOGADKIN, B.A.

Kinetics of the cross linking of rubber with phenol-formaldehyde derivatives. Kauch. i rez. 22 no.5:20-23 My '63. (MIRA 16:7)

1. Moskovskiy institut tonkoy khimichoskoy tekhnologii im. M.V. Lomonosova.

(Phenol condensation products) (Vulcanisation)